

Iowa Crops & Weather



Iowa Agricultural Statistics
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Corn and Soybean Harvest Begins

Agricultural Summary: Warm temperatures this week helped with crop maturity. Harvesting of corn and soybeans across the state has begun although rain, hail and high winds delayed field work and damaged crops in some areas. There were scattered reports of white mold and sudden death syndrome in soybeans.

There were 4.8 **days suitable for fieldwork** this week in Iowa. **Topsoil moisture** rated 4 percent very short, 16 percent short, 69 percent adequate, and 11 percent surplus. **Subsoil moisture** rated 7 percent very short, 16 percent short, 68 percent adequate, and 9 percent surplus.

Field Crops Report: The **corn acreage in or past dent stage** reached 92 percent, behind both last year's and the 5-year average of 96 percent dent. Iowa's **corn acreage in mature stage** was 38 percent, 9 days behind last year's pace of 67 percent mature, and 10 days behind the 5-year average of 71 percent. The **corn harvested for grain or seed** was 2 percent. The **percent moisture of all field corn** was 34 percent, while the **percent moisture of harvested field corn** was 30 percent. **Corn condition** was rated 2 percent very poor, 7 percent poor, 17 percent fair, 50 percent good, and 24 percent excellent. The **soybean acreage with leaves turning color** was 92 percent, slightly ahead of last year's progress of 89 percent and the 5-year average of 87 percent. The **soybean acreage dropping leaves** reached 64 percent, compared with last year's 62 percent and the 5-year average of 54 percent dropping leaves. **Soybean acreage harvested** was 3 percent. **Soybean condition** was rated 3 percent very poor, 9 percent poor, 21 percent fair, 49 percent good, and 18 percent excellent.

Livestock, Pasture, and Range Report: With the moderate temperatures, it was another good week for livestock. Some reports of over-grazed pastures and supplemental feeding were received. **Pasture and range condition** was rated 3 percent very poor, 9 percent poor, 23 percent fair, 44 percent good, and 21 percent excellent.

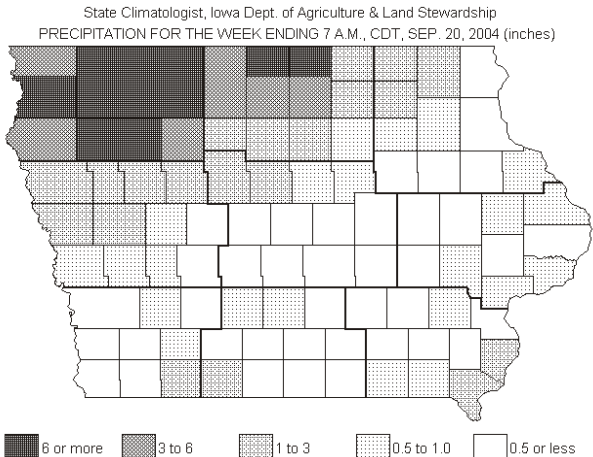
Iowa Weather Summary

It was a warm week across Iowa with extremely variable amounts of precipitation. Thunderstorms developed in northwest Iowa Monday (13th) night and continued almost without interruption through Wednesday (15th) morning. Rainfall totals during this event exceeded six inches over a broad area extending from Cherokee and O'Brien Counties northeastward through extreme northern sections of north central Iowa as well as a large portion of southern Minnesota. The highest official rain totals were 9.65 inches at Estherville Airport and 9.63 inches near Everly. At Spencer (7.13 inches), Estherville (8.71) and Swea City (6.82) new 24-hour rainfall records were established for the 24-hour period ending 7:00 a.m. Wednesday morning. Another area of thunderstorms affected southeast Iowa during the day on Wednesday, however, rain amounts were under an inch in most locations. Thunderstorms redeveloped Friday (17th) in northwest Iowa with Spencer Airport recording another 3.45 inches of rain. A narrow band of storms also drenched a small area of southwest Iowa on Friday with 3.76 inches of rain recorded at Blockton. Weekly rain totals varied from only 0.01 inch at Independence to 12.02 inches at Spencer Airport. The statewide average precipitation was 1.72 inches or a little more than double the weekly normal of 0.79 inches.

Meanwhile, very warm and humid conditions prevailed on Monday (13th) and Tuesday (14th) with highs reaching into the low 90's in the far west. Much cooler weather was the rule from Wednesday (15th) through Friday (17th) when daytime highs were mostly in the 70's. Warmer weather returned for the weekend with highs edging into the 90's again in far western Iowa with 70's and 80's elsewhere. Temperature extremes for the week ranged from highs of 94 degrees at Glenwood on both Monday (13th) and Sunday (19th) while Sioux Center recorded a low of 42 degrees on Thursday (16th). Temperatures for the week as a whole averaged 5.5 degrees above normal.

Statewide Crop Conditions as of September 19, 2004					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	7	17	50	24
Hay, all	1	4	19	53	23
Range & Pasture	3	9	23	44	21
Soybeans	3	9	21	49	18

Statewide Harvesting Conditions as of September 19, 2004				
Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn lodging	65	24	9	2
Corn ear droppage	75	21	4	0
Soybeans lodging	72	21	7	0
Soybeans shattering	84	13	3	0



Field Work and Crop Progress as of September 19, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>				
Corn in or past dent stage	95	85	82	94	95	96	96	90	94	92	81	96	96
Corn mature (safe from frost)	19	21	18	32	51	47	63	69	69	38	17	67	71
Soybean leaves turning color	94	95	81	94	95	94	90	88	92	92	76	89	87
Soybeans dropping leaves	61	66	55	61	74	72	62	53	65	64	31	62	54
Hay, alfalfa - third crop harvested	100	93	96	99	94	100	99	94	98	97	92	98	95

Days Suitable & Soil Moisture Condition as of September 19, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>			
Days suitable	1.8	3.6	5.8	4.9	5.4	6.3	6.3	5.4	5.9	4.8	6.4	5.1
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	0	1	3	14	0	12	2	4	1	4	8	30
Short	0	5	27	31	13	19	25	7	10	16	23	35
Adequate	47	79	69	49	83	69	72	84	75	69	65	33
Surplus	53	15	1	6	4	0	1	5	14	11	4	2
Subsoil moisture												
Very short	0	13	7	18	0	13	1	4	3	7	7	47
Short	3	16	20	32	13	16	17	8	18	16	20	40
Adequate	64	64	68	48	78	71	81	83	65	68	69	13
Surplus	33	7	5	2	9	0	1	5	14	9	4	0

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, September 19, 2004										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	88	47	66	8	9.89	9.11	29.11	9.52	116	51
	89	42	70	9	5.03	4.33	22.01	2.86	141	57
	92	45	69	9	11.39	10.62	26.96	6.50	133	61
	87	50	66	8	8.31	7.55	26.02	6.58	114	11
Britt Humboldt Mason City Northwood	North Central District									
	86	47	65	4	4.49	3.65	26.33	5.03	108	22
	86	49	66	5	2.21	1.37	21.67	-0.23	114	37
	86	47	66	6	2.20	1.30	35.57	13.01	113	43
	83	48	65	6	7.03	6.11	38.06	16.04	103	35
Decorah Dubuque Elkader Independence Waterloo	North East District									
	85	46	68	7	1.47	0.56	34.78	12.61	127	45
	86	47	68	8	0.57	-0.53	17.09	-6.92	129	52
	85	46	66	6	0.00	-0.84	25.79	3.85	116	11
	86	46	67	7	0.01	-0.88	27.17	3.70	120	22
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	86	44	68	5	0.80	-0.15	26.60	4.52	130	34
	89	49	69	8	0.53	-0.31	18.44	-4.61	137	55
	92	51	70	8	1.94	1.10	15.48	-5.08	141	59
	87	44	68	6	0.23	-0.65	25.69	2.94	128	39
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	Central District									
	85	46	69	8	0.23	-0.55	27.15	3.26	131	50
	86	49	69	7	0.17	-0.67	22.97	-0.30	133	44
	86	53	71	8	0.45	-0.37	24.51	2.69	152	49
	86	49	67	6	0.62	-0.15	24.91	1.81	119	36
Allerton Beaconsfield Chariton Indianola Leon	East Central District									
	86	46	69	8	0.47	-0.38	22.62	-0.81	132	53
	87	48	68	5	0.15	-0.81	24.64	2.28	127	34
	87	48	69	8	0.18	-0.59	23.64	1.54	136	53
	86	45	67	6	0.12	-0.73	19.52	-4.14	118	38
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	87	48	69	6	0.21	-0.71	21.89	-0.32	133	43
	87	47	68	4	0.74	-0.03	21.87	0.20	130	27
	88	47	69	4	1.11	0.20	24.11	-0.08	134	24
	89	43	66	4	0.23	-0.78	24.10	-0.45	113	24
Bloomfield Burlington Ottumwa	South Central District									
	87	44	66	5	0.25	-0.72	21.49	-0.98	110	31
	87	50	68	4	0.93	0.02	22.50	-0.17	131	52
	South East District									
	88	46	69	6	0.23	-0.82	23.69	-1.31	133	37
Bloomfield Burlington Ottumwa	South Central District									
	94	49	73	9	0.72	-0.19	19.36	-3.31	161	57
	88	48	70	8	0.71	-0.26	25.05	2.84	144	57
	89	48	71	7	0.05	-1.00	20.54	-4.15	149	42
	89	52	71	7	0.99	0.05	22.22	-1.11	152	47
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	85	48	68	4	0.26	-0.84	29.74	6.13	125	64
	85	51	68	6	0.60	-0.44	27.98	5.15	129	36
	86	45	67	4	0.35	-0.85	24.82	0.64	121	28
	86	50	69	6	0.65	-0.26	25.16	2.58	132	39
Bloomfield Burlington Ottumwa	South Central District									
	86	46	67	4	0.25	-0.73	29.91	6.20	118	22
	South East District									
	87	49	69	4	0.50	-0.59	29.41	5.43	133	26
	87	53	71	7	1.54	0.56	18.73	-3.42	150	45
Bloomfield Burlington Ottumwa	South East District									
	87	48	69	5	0.44	-0.59	22.68	0.47	137	32

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.